

REMARKS

Rejections under 35 U.S.C. § 102

The Examiner has rejected claims 1 – 6, 10 – 15, and 18 - 24 as allegedly being anticipated by Gobot et al (hereinafter Gobot), “The Felt System: User’s Guide and Reference Manual”. Applicants traverse this rejection based on the above Amendments and the following remarks, and respectfully requests that the Examiner reconsider the rejection, and withdraw it.

In a rejection under 35 U.S.C. § 102, each and every claim element must be present in the applied reference. However, the passage cited by the Examiner [Fig. 7.1; page 77, lines 1 – 11] does not teach or suggest a property input window that includes at least one of “an interval count field indicative of a number of mesh entities that will fill said selected entity, an interval size field indicative of a size of said mesh entities that will fill said selected entity, an interval set field indicative of a circumstance under which said interval fields may be modified, a mesh scheme field indicative of a desired mesh scheme and a smooth scheme field indicative of a process of improving said element quality after a mesh generation”, as recited in amended Claim 1. Gobot does disclose control buttons for: file, solutions, postprocess, canvas, tools, apply, nodes, elements, materials, constraints, forces, loads and information. [See Fig. 7.1 of Gobot]. However these control buttons do not teach or suggest the features of the property input window recited in Claim 1. Therefore, at least one element of Claim 1 is not disclosed in the recited portion of Gobot, and Claim 1 is accordingly believed allowable. By analogous argument, amended Claim 10 is believed allowable. Accordingly, dependent claims 2 – 9 (which depend from Claim 1), and dependent claims 11 – 18 (which depend from Claim 10) are believed allowable.

Gobot does not teach or suggest attaching a child window that includes a first interface element having a first tab identifier and at least one iconic button, to a parent window “wherein selection of said at least one iconic button associated with said first interface element outputs a second interface element having a second tab identifier wherein said second interface element overlaps said first interface element except for said first tab identifier”, as recited in Claim 18. The Examiner states the “Gobot teaches the inclusion of a

tabbed-based menuing system (tabular menu display), Fig. 7.1” (Paragraph 10, Page 4, Official Action of January 15, 2004). The Examiner is respectfully requested to elaborate on this rejection. Fig. 7.1 discloses “The main velvet window consists of three major areas (Figure 7.1). The first is the list of menu buttons down the left side of the window. This is the main control area for all of the operations in velvet. The second is the command/status line across the bottom of the window. . . . The third is the drawing area, which occupies most of the window.” [Second Paragraph, Page 77, Section 7.1, Gobot]. The main control area of the main velvet window includes a list of menu buttons. However, this disclosure does not teach or suggest tab identifiers associated with a child window, as recited in Claim 18, “wherein selection of said at least one iconic button associated with said first interface element outputs a second interface element having a second tab identifier wherein said second interface element overlaps said first interface element except for said first tab identifier”. Therefore, Claim 18, and by analogy Claim 22, are believed allowable in view of Gobot. Accordingly, the claims depending from Claim 18 and Claim 22 (Claim 19 – 21 and 23 and 24 respectively) are also believed allowable.

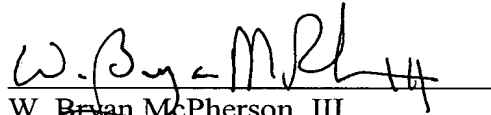
Rejections under 35 U.S.C. § 103

The Examiner has rejected claims 7, 8, 16, and 17 under the obviousness provisions of 35 U.S.C. § 103(a) as allegedly being unpatentable in view of Gobot et al (hereinafter Gobot), “The Felt System: User’s Guide and Reference Manual”. The rejection is respectfully traversed. Claims 7 and 8 depend from Claim 1 and Claims 16 and 17 depend from Claim 10. Claims 1 and 10, as amended are believed to be allowable. Accordingly, Claims 7, 8, 16, and 17 are also believed allowable.

CONCLUSION

All of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicants therefore respectfully request that the Examiner reconsider all presently outstanding objections and rejections, and that they withdraw them. The Examiner is courteously invited to telephone the undersigned representative if they believe that an interview might be useful for any reason.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "W. Bryan McPherson, III", is written over a horizontal line.

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